

ISO/IEC GUIDE 25:1990
ANSI/NCSL Z540-1-1994
ISO 9002:1987

Scope of Accreditation



Page 1 of 1

CALIBRATION LABORATORIES

NVLAP LAB CODE 200419-0

OHIO E.M.A RADIOLOGICAL INSTRUMENT CALIBRATION FACILITY

1296 Kinnear Road
Columbus, OH 43212

Mr. Daniel Redman

Phone: 614-688-3363 Fax: 614-688-3362

E-Mail: dredman@dps.state.oh.us

IONIZING RADIATION DOSIMETRY

NVLAP Code: 20/I01

Dosimetry of X-Rays, Gamma Rays, and Electrons

Calibration of Survey Instruments

| Calibration Category | Radiation Type or Beam Code | Nominal Intensity Range | Uncertainty of Reference Field (\pm) ^{note 1} | Remarks |
|----------------------|-----------------------------|-------------------------|--|----------|
| Gamma | ¹³⁷ Cs | 1 R/hr to 500 R/hr | 5.0% | Source 1 |
| | ¹³⁷ Cs | > 10 mR/hr to 5 R/hr | 5.0% | Source 2 |
| | ¹³⁷ Cs | > 10 mR/hr to 50 mR/hr | 5.0% | Source 3 |
| | ¹³⁷ Cs | 0.1 mR/hr to 10mR/hr | 7.0% | Source 3 |

1. Represents an expanded uncertainty using a coverage factor, $k=2$.

September 30, 2003

Effective through

David F. Alderman

For the National Institute of Standards and Technology